

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/094369 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/US2005/010741

(22) International Filing Date: 29 March 2005 (29.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04 007 580.6 29 March 2004 (29.03.2004) EP
05 005 418.8 11 March 2005 (11.03.2005) EP

(71) Applicant: KCI LICENSING, INC. [US/US]; P.O. Box
659508, San Antonio, TX 78265-9508 (US).

(72) Inventors: BÖHM, Stephan; Kegelhofstrasse 22, 20251
Hamburg (DE). JOHNSON, Royce, W.; 114 Rimdale,
Universal City, TX 78148 (US).

(74) Agents: MASON, Robert, W. et al.; KCI Licensing, Inc.,
P.O.Box 659508-9508, San Antonio, TX 78265-9508 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

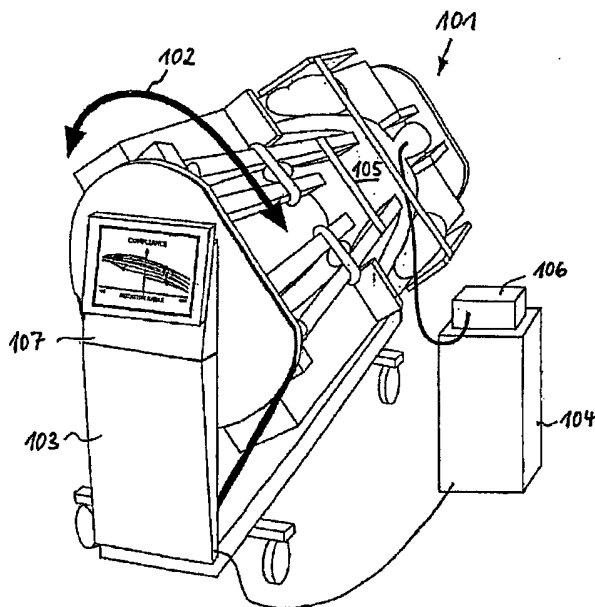
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii)) for all designations
- as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii)) for all designations

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR CONTROLLING AT LEAST ONE VENTILATION PARAMETER OF AN ARTIFICIAL VENTILATOR FOR VENTILATING THE LUNG OF A PATIENT IN ACCORDANCE WITH A PLURALITY OF LUNG POSITIONS



(57) Abstract: The invention refers to a method and an apparatus for controlling at least one ventilation pressure of an artificial ventilator for ventilating an artificially ventilated lung of a patient in accordance with a plurality of lung positions. In order to improve the potentials of the kinetic rotation therapy, at least one ventilation pressure is controlled in accordance with a defined lung position and in accordance with a lung status information related to said defined lung position.

WO 2005/094369 A2



— of inventorship (Rule 4.17(iv)) for US only

Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.